

NEBRASKA WEATHER & CROPS

NEBRASKA
AGRICULTURAL
STATISTICS
SERVICE

For Week Ending July 5, 1992

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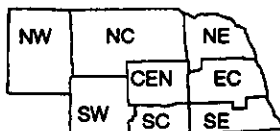
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P.O. Box 81069

Lincoln, NE 68501

National Agricultural Statistics Service
U.S. Department of Agriculture
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National Oceanic and Atmospheric Admin.
National Weather Service



Nebraska Department of Agriculture
Division of Agr'l. Statistics
Cooperative Extension Service
Institute of Agriculture
and Natural Resources-UN-L

WEATHER

Temperatures averaged from two to eight degrees below normals. Scattered precipitation occurred throughout the week producing amounts from .15 inch in the southwest up to 1.83 inches in the east central.

GENERAL

Wheat harvest made a good start this past week in southern districts where weather conditions permitted, according to the Nebraska Agricultural Statistics Service. Cooler temperatures with scattered rainfall during the latter part of the week further delayed continued wheat harvesting and haying activities. Damage from severe hail and strong winds was reported from scattered areas of the State. These same conditions, although beneficial to soil moisture supplies and pasture growth, caused spring crop development to remain a week to ten days behind normal development. Preparations for irrigation were underway with some systems in use. Recent rains have enabled some producers to keep irrigation systems shut down for the current time.

CROPS

Wheat condition was rated at 14% very poor, 28% poor, 40% fair, and 18% good. Weather conditions early last week favored wheat harvest with a strong start in several southern locations. As of Sunday, 6% had been harvested. This was about 11 days behind average due to cool, wet conditions at harvest time and less than perfect development conditions. Last year at this time, 46% had been harvested with the 5-year average at 40%.

CROPS (Cont.)

Corn condition was rated at 5% poor, 26% fair, 60% good, and 9% excellent. Cultivation and chemical weed control activities continued where corn height and soil surface conditions permitted. Ditching activities also continued in preparation for irrigation.

Soybean condition was rated at 1% poor, 11% fair, 79% good, and 9% excellent. Cultivation activities continued where possible. Crop development remains about a week behind normal with only 3% in the blooming stage to date.

Sorghum condition was rated at 2% poor, 24% fair, 72% good, and 2% excellent. Chinch bug activity was reported in the East Central and Southeast Districts. Drilling forage sorghum for feed continued.

Alfalfa condition was rated at 2% poor, 28% fair, 56% good, and 14% excellent. Second cutting activities progressed well with 23% harvested, compared with 18% last year and 26% for the average. With the recent rains, some producers have been caught with hay "down" in the field or have had to delay harvesting activities. Wild hay condition was rated at 2% poor, 51% fair, 43% good, and 4% excellent.

LIVESTOCK

Pasture and range condition was rated at 90% of normal and compares with 89% of normal last year at this time. Weather conditions continued to bring improvement to grasses that were providing adequate grazing. Flies are a problem for cattle in the Southwest District.

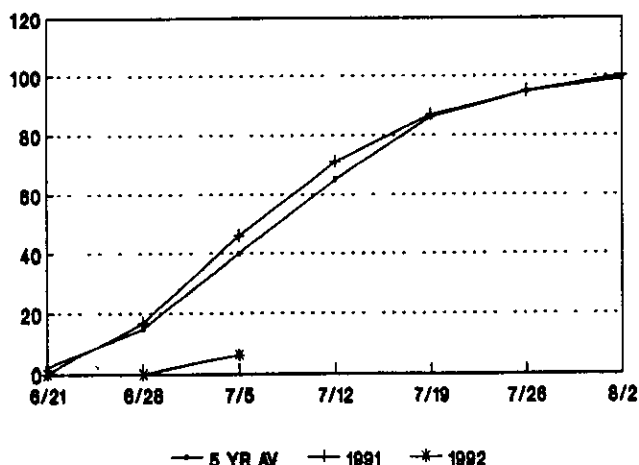
FIELD WORK PROGRESS AS OF JULY 5, 1992	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% wheat ripe	10	6	10	86	42	79	60	80	50	11	69	67
% wheat harvested	0	0	0	0	1	12	12	5	6	0	46	40
% soybeans blooming	0	0	0	5	8	0	0	1	3	1	20	14
% alfalfa second cutting	0	23	19	21	31	26	35	52	23	8	18	26
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF JULY 3, 1992												
Days suitable	2.7	4.2	3.6	5.1	5.0	3.0	5.6	6.4	4.5	5.8	6.6	
Topsoil moisture - Short	0	0	6	20	12	14	33	77	20	19	66	
(Percent) - Adequate	80	100	70	80	82	86	67	23	73	80	33	
- Surplus	20	0	24	0	6	0	0	0	7	1	1	
Subsoil moisture - Short	10	0	0	0	6	43	44	39	14	17	32	
(Percent) - Adequate	90	100	100	100	94	57	56	61	86	83	66	
- Surplus	0	0	0	0	0	0	0	0	0	0	2	

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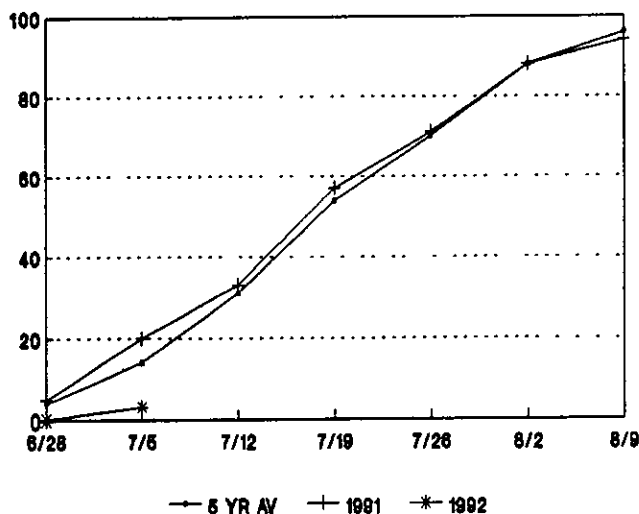
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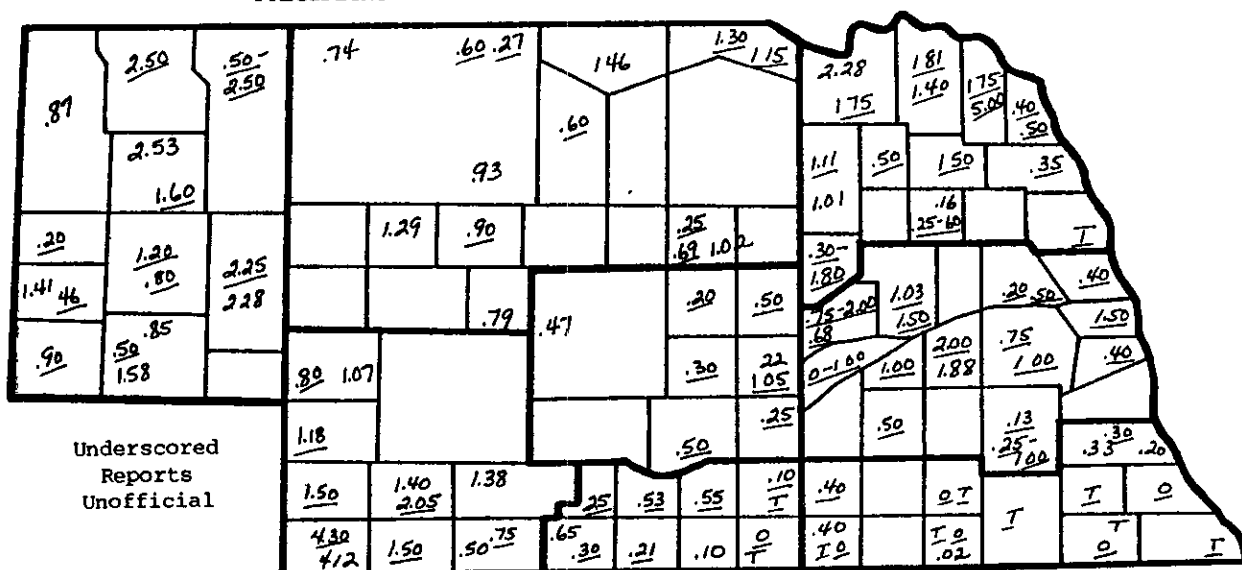
SOYBEANS BLOOMING



PROGRESS AS OF SUNDAY

PROGRESS AS OF SUNDAY

PRECIPITATION MAP FOR WEEK ENDING FRIDAY, JULY 3, 1992



PRECIPITATION, APRIL 1 - JULY 3, 1992

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	1.59	1.04	1.15	.35	1.61	1.69	.25	.19
Total since April 1	6.82	7.30	8.77	6.63	9.84	6.13	5.55	7.88
Normal since April 1	8.12	9.43	10.83	10.19	11.41	8.55	10.15	11.51

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA,
WEEK ENDING SUNDAY, JULY 5, 1992

Station		Temperature				Precipitation	Growing Degree Data Since April 15		
		Extremes		Mean	Departure	Total Inches 1/	Last Week	Current	Normal
		Max	Min						
NW	Chadron	90	44	66	---	---	---	---	---
	Scottsbluff	94	48	67	-5	.53	985	1104	1056
	Sidney	---	---	---	---	---	945	1063	1048
NC	Valentine	91	42	65	-8	.62	911	1021	1059
NE	Norfolk	88	49	68	-7	1.33	---	---	---
	Sioux City	86	51	69	-5	.62	---	---	---
	Concord	---	---	---	---	---	949	1060	1249
	Elgin	---	---	---	---	---	886	999	1197
	West Point*	---	---	---	---	---	982	1109	1283
CEN	Grand Island	89	48	70	-5	.68	997	1142	1250
	Ord	88	44	68	---	1.28	952	1075	1250
EC	Lincoln	93	53	74	-2	1.13	1079	1242	1314
	Omaha	90	53	71	-4	1.83	1050	1204	1246
	Columbus	---	---	---	---	---	1012	1148	1285
	York	---	---	---	---	---	1017	1165	1335
SW	Imperial	90	46	69	---	.38	---	---	---
	North Platte	88	41	67	-5	.15	**937	**1057	**1179
SC	Holdrege	---	---	---	---	---	996	1130	1307
SE	Beatrice	---	---	---	---	---	1034	1180	1424
	Clay Center	---	---	---	---	---	994	1131	1338

1/ Precipitation totals not included in map above. *Automated weather station. **West Central Research & Extension Center.

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max. temp. + min. temp. divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day. GDD are calculated for each day and accumulated from April 15.

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.